

**GROUNDWATER MONITORING REPORT ANNUAL EVENT
JANUARY/FEBRUARY 2001**

BRC Former C-6 Facility
Los Angeles, California

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June 20, 2001

3.0 GROUNDWATER SAMPLING PROCEDURES

3.1 Monitoring Plans

The 2001 Annual event at the Site was conducted from January 15 to February 3, 2001, by Tait Environmental Management, Inc. (TEM) field personnel. England Geosystem personnel assisted TEM during the natural attenuation (NA) sampling portions of the program. Work was conducted in accordance with the following documents:

- *Groundwater Monitoring Work Plan 2000* by Kennedy/Jenks Consultants, dated December 15, 2000.
- *Statement of Work for Evaluation of Natural Attenuation at Boeing Realty Corporation's C-6 Facility* by Exponent, dated December 15, 2000.
- *Groundwater Monitoring Services Standard Operating Procedures, Boeing Realty Corporation, Former C-6 Facility*, prepared by Tait Environmental Management, dated January 11, 2001.

Natural Attenuation sampling was conducted according to:

- *Standard Operating Procedures for Measuring Natural Attenuation Parameters at Boeing Realty Corporation Former C-6 Facility, Revision 1.0*, prepared by England Geosystem Inc. and Haley & Aldrich, dated January 9, 2001.

The following summarizes the activities performed during the Annual Groundwater Monitoring and Sampling event.

• Groundwater Level Monitoring

- Water levels were measured in 32 Site groundwater wells on January 15, 2001 (Table 2). Supplemental water levels were measured on May 10, 2001 bringing the total number of monitored wells to 33.
- TMW-13 was not gauged, as it was buried by demolition debris and could not be located. The well was subsequently accessed on May 10, 2001. This data is included on the hydrographs (Figure 4c) and on Table 2.
- A groundwater contour map was generated based on all of the measured groundwater elevations.

• Sampling and Analysis

- Monitoring of 32 wells that were sampled and analyzed for VOCs by EPA Method 8260B, Title 22 Metals by EPA Method 6010B, Mercury by EPA Method 7470A, and Hexavalent Chromium by EPA Method 7196A.
- Well TMW-13 was sampled on May 10, 2001 since during the initial filed activities it was buried by demolition debris and could not be located. Well TMW-10 was re-



Final

